



**BIOLOGIA
MOLECOLARE**

**CLONING
REAGENT**

La scelta logica

> HIPURA™ ENDOTOXIN FREE PLASMID DNA

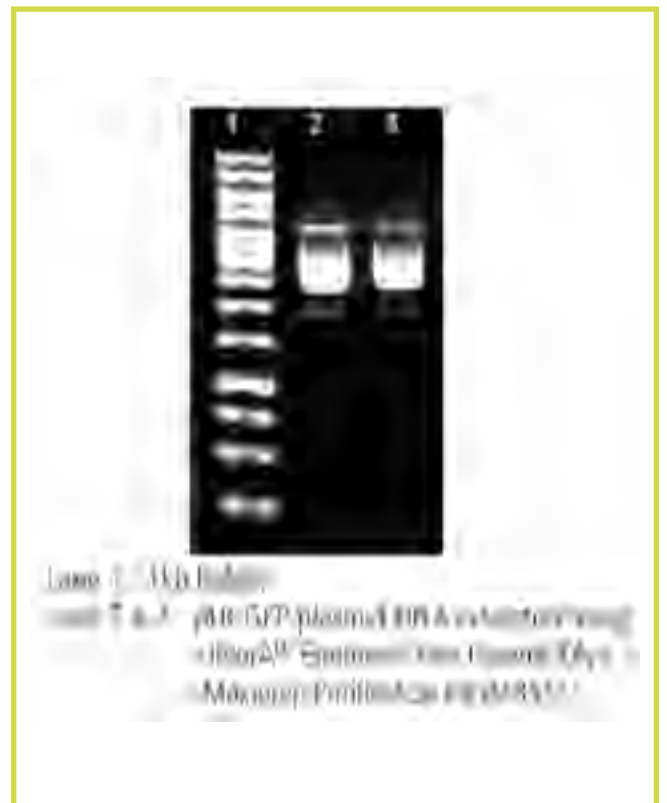


- Endotoxins represent a non-controllable variable in transfection experiment setup, influencing the outcome and reproducibility of results and making them difficult to compare and interpret. In gene therapy research, endotoxins can interfere by causing endotoxic-shock syndrome and activation of the complement cascade.
- The HiPurATM Endotoxin free Plasmid Maxiprep Purification Kit integrates an efficient endotoxin removal step into plasmid purification procedure. Cells are lysed and endotoxins are selectively precipitated in a proprietary buffer.
- The resultant lysate is then applied on to the silica column for binding of the DNA molecules. The adsorbed DNA is washed to remove contaminants and the pure plasmid DNA is eluted in elution buffer.
- HiPurATM Endotoxin free Plasmid Maxiprep Purification Kit helps to recover upto 500 µg of high- or low- copy plasmid DNA from upto 500 ml of E. coli culture per isolation procedure.

Used For

EndoFree Plasmid kits yield endotoxin free Plasmid DNA which is well suited for sensitive applications including:

- Transfection of sensitive cells;
- Research on gene therapy and genetic vaccination;
- Plasmid mediated gene silencing.



Part Number	Product Info
MB515	HiPurA™ Endotoxin free Plasmid DNA Maxiprep Purification Kit
MB514	HiPurA™ Endotoxin free Plasmid DNA Midiprep Purification Kit
MB513	HiPurA™ Endotoxin free Plasmid DNA Miniprep Purification Kit

> RESTRICTION ENZYMES

Restriction enzymes are DNA-cutting enzymes found in bacteria (and harvested from them for use). Because they cut within the molecule, they are often called restriction endonucleases. A restriction enzyme recognizes and cuts DNA only at a particular sequence of nucleotides. These Restriction enzymes from bacteria are provided by HiMedia that can recognize specific base sequence in DNA at that site.

Part Number	Product Info
Restriction Enzymes	
MBRE008	Alu I (Source : <i>Arthrobacter luteus</i>)
MBRE002	BamH I (Source : <i>Bacillus amyloliquefaciens</i>)
MBRE018	Bgl II (Source : <i>Bacillus globigii</i>)
MBRE001	EcoR I (Source : <i>Escherichia coli</i>)
MBRE009	EcoR V (Source : <i>Escherichia coli</i>)
MBRE018	Bgl II (Source : <i>Bacillus globigii</i>)
MBRE003	Hind III (Source : <i>Haemophilus influenzae</i>)
MBRE006	Hinf I (Source : <i>Haemophilus influenzae</i>)
MBRE010	Kpn I (Source : <i>Klebsiella pneumoniae</i>)
MBRE012	Sac I (Source : <i>Streptomyces achromogenes</i>)
MBRE013	Sca I (Source : <i>Streptomyces albus</i>)
MBRE014	Sph I (Source : <i>Streptomyces phaeochromogenes</i>)
MBRE004	Taq I (Source : <i>Thermus aquaticus</i>)
MBRE007	Hae III (Source : <i>Haemophilus aegyptius</i>)
MBRE019	Hinc II (Source : <i>Haemophilus influenzae</i> RC)
MBRE020	Mlu I (Source : <i>Micrococcus luteus</i>)
MBRE017	Nco I (Source : <i>Nocardia corallina</i>)
MBRE005	Not I (Source : <i>Nocardia otitidis</i>)
MBRE011	Pst I (Source : <i>Providencia stuartii</i>)
MBRE022	Pvu II (Source : <i>Proteus vulgaris</i>)
MBRE021	Sma I (Source : <i>Serratia marcescens</i>)
MBRE015	Stu I (Source : <i>Streptomyces tubercidicus</i>)
MBRE016	Xba I (Source : <i>Xanthomonas badrii</i>)
Modifying Enzymes	
MBT091	T4 DNA Ligase (Conc : 200 units/μl)

> HiPurA™ COMPETENT CELLS

HiPurA™ Competent Cells are specially made chemically competent DH5a cells which makes cloning experiments easier.

Part Number	Product Info
MBT111	HiPurA™ Competent Cells - HiPurA™ Competent DH5a cells



Shipping
Time
24h



Shipping
Fees
€ 0



Shipping Fees for temperature
controlled products
€ 0



Minimum
Order
NO



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RESEARCH PRODUCTS

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